

L Number	Hits	Search Text	DB	Time stamp
10	121	369/47.45-47.46.ccls.	USPAT	2003/12/03 10:41
11	43	369/47.45-47.46.ccls. and pll	USPAT	2003/12/03 10:42
12	44	369/47.45-47.46.ccls. and (pll (data near frequency))	USPAT	2003/12/03 10:42
13	44	369/47.45-47.46.ccls. and (pll (data near frequency) (read near (clk clock)))	USPAT	2003/12/03 10:43
14	40	369/47.45-47.46.ccls. and (pll (data near frequency) (read near (clk clock))) and (((disc disk) near (defect scratch)) error)	USPAT	2003/12/03 10:44
15	31	369/47.45-47.46.ccls. and (pll (data near frequency) (read near (clk clock))) and (((disc disk) near (defect scratch)) error) and ((rotat\$4 spindle) near speed)	USPAT	2003/12/03 10:45
16	15	369/47.45-47.46.ccls. and (pll (data near frequency) (read near (clk clock))) and (((disc disk) near (defect scratch)) error) same ((rotat\$4 spindle) near speed))	USPAT	2003/12/03 11:37
17	0	369/47.45-47.46.ccls. and (pll (data near frequency) (read near (clk clock))) and (((disc disk) near (defect scratch)) error) same ((rotat\$4 spindle) near speed)) and (pll same ("not" near locked))	USPAT	2003/12/03 11:06
19	0	369/\$7.ccls. and (pll same ("not" near locked))	USPAT	2003/12/03 11:07
20	0	369/\$7.ccls. and (pll and ("not" near locked))	USPAT	2003/12/03 11:07
21	0	369/\$7.ccls. and ("not" near locked)	USPAT	2003/12/03 11:07
22	0	"not" near locked	USPAT	2003/12/03 11:07
23	0	369/47.45-47.46.ccls. and ((pll (data near frequency) (read near (clk clock))) near (absent absence missing lack\$3 unlock\$3 ("not" adj locked) error problem)) and (((disc disk) near (defect scratch)) error) same ((rotat\$4 spindle) near speed))	USPAT	2003/12/03 11:26
24	2	369/47.45-47.46.ccls. and ((pll (data near frequency) (read near (clk clock))) near (absent absence missing lack\$3 unlock\$3 ("not" with locked) error problem))	USPAT	2003/12/03 11:26
25	13	369/47.45-47.46.ccls. and (pll (data near frequency) (read near (clk clock))) and (((disc disk) near (defect scratch)) error) same ((rotat\$4 spindle) near speed)) and ((rotat\$3 spindle) same (switch select\$3))	USPAT	2003/12/03 11:41
26	25	369/47.45-47.46.ccls. and (((disc disk) near (defect scratch)) error) same ((rotat\$4 spindle) near speed)) and ((rotat\$3 spindle) same (switch select\$3))	USPAT	2003/12/03 12:22
27	13	369/47.45-47.46.ccls. and ((current present instantaneous) with (rotat\$4 spindle) with speed)	USPAT	2003/12/03 12:25
28	0	369/47.45-47.46.ccls. and ((present instantaneous) with (rotat\$4 spindle) with speed)	USPAT	2003/12/03 12:25
30	14	369/47.45-47.46.ccls. and ((sav\$3 stor\$3 register\$3 keep\$3) with (rotat\$4 spindle) with speed)	USPAT	2003/12/03 12:25
29	10	369/47.45-47.46.ccls. and ((sav\$3 stor\$3 register\$3) with (rotat\$4 spindle) with speed)	USPAT	2003/12/03 12:26

-	695	@pd<20000711 and disc and control and rotation and speed and servo and (pick-up or "pick up") and frequency	USPAT	2003/12/03 10:41
-	256	@pd<20000711 and disc and control and rotation and speed and servo and (pick-up or "pick up") and frequency and 369/\$.ccls.	USPAT	2003/06/17 17:13
-	1	("5051976").PN.	USPAT	2003/06/18 11:12
-	86	@pd<20000711 and disc and control and rotation and speed and servo and (pick-up or "pick up") and frequency and 369/\$.ccls. and simple	USPAT	2003/06/17 17:15
-	93	@pd<20000711 and disc and control and rotation and speed and servo and (pick-up or "pick up") and frequency and 369/\$.ccls. and (PLL or "phase locked loop")	USPAT	2003/06/17 17:16
-	95	@pd<20000711 and disc and control and rotation and speed and servo and (pick-up or "pick up") and frequency and 369/\$.ccls. and ("phase lock loop" or PLL or phase\$1lock\$1loop)	USPAT	2003/06/18 08:47
-	24	@pd<20000711 and disc and control and rotation and speed and servo and (pick-up or "pick up") and frequency and 369/\$.ccls. and ("phase lock loop" or PLL or phase\$1lock\$1loop) and cav and clv	USPAT	2003/06/18 11:17
-	19	mahr-peter.in.	USPAT; US-PGPUB	2003/06/18 11:15
-	229	@pd<20000711 and (disc same control speed same rotation same speed same cav same clv) and servo and pll and (pick\$1up or "pick up") and (rotation\$2 adj speed)	USPAT	2003/06/18 11:22
-	248	@pd<20000711 and (disc same control speed same rotation same speed same cav same clv) and servo and pll and (pick\$1up or "pick up") and (rotation\$2 adj speed)	USPAT	2003/06/18 11:24
-	20	@pd<20000711 and (disc same control same speed same rotation same speed same cav same clv) and servo and pll and (pick\$1up or "pick up") and (rotation\$2 adj speed)	USPAT	2003/06/18 11:25
-	25	@pd<20000711 and disc and control and rotation and speed and servo and (pick-up or "pick up") and frequency and cav and clv and pll	USPAT	2003/06/27 09:02
-	36	@pd<20000711 and disc and control and servo and (pick\$1up or "pick up") and cav and clv and pll and (frequency same (rotation\$2 adj speed)) and (frequency same data)	USPAT	2003/06/30 08:11
-	45	@pd<20000711 and disc and control and servo and (pick\$1up or "pick up") and cav and clv and (frequency same (rotation\$2 adj speed)) and (frequency same data)	USPAT	2003/06/27 09:55
-	57	@pd<20000711 and disc and control and servo and (pick\$1up or "pick up") and cav and clv and (frequency same (rotation\$2 adj speed))	USPAT	2003/06/27 09:55
-	3580	@pd<20020711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.)	USPAT	2003/06/30 08:24
-	986	@pd<20020711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (rotation\$2 same speed) and disc	USPAT	2003/06/30 08:26
-	157	@pd<20020711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (rotation\$2 same speed) and disc and (cav same clv)	USPAT	2003/06/30 08:28

-	99	@pd<20020711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (rotation\$2 same speed) and disc and (cav same clv) and pll	USPAT	2003/06/30 09:25
-	47	@pd<20020711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (rotation\$2 same speed) and disc and (cav same clv) and pll and (voltage same compar\$5)	USPAT	2003/06/30 09:54
-	44	@pd<20010711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (rotation\$2 same speed) and disc and (cav same clv) and pll and (voltage same compar\$5)	USPAT	2003/07/01 09:00
-	16	@pd<20010711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (rotation\$2 same speed) and disc and (cav same clv) and pll and (voltage same compar\$5) and (voltage same (produce\$1 or generat\$3 or conver\$4) same (correspond\$4 or proportion\$5 or relat\$4))	USPAT	2003/06/30 11:02
-	21	@pd<20010711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (rotation\$2 same speed) and disc and (cav same clv) and (voltage same compar\$5) and (voltage same (produce\$1 or generat\$3 or conver\$4) same (correspond\$4 or proportion\$5 or relat\$4))	USPAT	2003/06/30 12:00
-	13	@pd<20010711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (voltage same (produce\$1 or generat\$3 or conver\$4) same (correspond\$4 or proportion\$5 or relat\$4) same frequency same "reference voltage")	USPAT	2003/06/30 13:54
-	31	@pd<20010711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (voltage same (produce\$1 or generat\$3 or conver\$4) same (correspond\$4 or proportion\$5 or relat\$4) same pll)	USPAT	2003/06/30 13:55
-	170	@pd<20020711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and (rotation\$2 same speed) and disc and cav and clv	USPAT	2003/07/01 08:40
-	12	@pd<20010711 and (369/47.1-47.48.ccls. or 360/71.ccls. or 360/72.1-72.3.ccls. or 360/73.01-73.03.ccls.) and ((f\$lv or (frequency adj2 voltage)) adj converter) and ((voltage adj (source or generat\$3)) near (reference or determined or base))	USPAT	2003/07/01 09:07
-	591	(369/\$7 360/\$7).ccls. and (cav same clv)	USPAT	2003/12/01 16:47
-	165	(369/\$7 360/\$7).ccls. and (cav near clv)	USPAT	2003/12/01 16:59
-	43	(369/\$7 360/\$7).ccls. and (cav near clv) and clv and cav and ((speed spindle) near servo)	USPAT	2003/12/01 17:16
-	2	("5642342" "5745458").PN.	USPAT	2003/12/01 17:14
-	15	(369/\$7 360/\$7).ccls. and (cav near clv) and clv and cav and ((speed spindle) near servo) and ((frequency near (generat\$3 detect\$3)) (rotat\$5 near (speed velocity) near (detect\$3 generat\$3)))	USPAT	2003/12/01 17:19

-	15	(369/\$7 360/\$7).ccls. and (cav near clv) and clv and cav and ((speed spindle) near servo) and ((frequency near (generat\$3 detect\$3 sens\$3)) (rotat\$5 near (speed velocity) near (detect\$3 generat\$3 sens\$3)))	USPAT	2003/12/01 17:19
-	37	369/47.39.ccls.	USPAT	2003/12/02 09:59
-	145	369/47.38-47.48.ccls. and ((frequency near (generator detect\$3)) ((rotati\$3 motion) near (sens\$3 detect\$3)))	USPAT	2003/12/02 15:01
-	47	369/47.38-47.48.ccls. and ((frequency near (generator detect\$3)) ((rotati\$3 motion) near (sens\$3 detect\$3))) and (cav same clv)	USPAT	2003/12/02 10:13
-	418	369/47.38-47.48.ccls.	USPAT	2003/12/02 10:01
-	56	369/47.38-47.48.ccls. and ((frequency near (generator detect\$3)) ((rotati\$4 motion) near (sens\$3 detect\$3 frequency))) and (cav same clv)	USPAT	2003/12/02 11:01
-	8	("4660189" "4757489" "4789975" "5161142" "5249170" "5265081" "5278814" "5315571").PN.	USPAT	2003/12/02 10:50
-	45	((frequency near (generator detect\$3)) ((rotati\$4 motion) near (sens\$3 detect\$3 frequency))) and (cav same clv same (switch select\$3))	USPAT	2003/12/02 11:02
-	7	(clv same cav) and (pll same error same (rotation near speed))	USPAT	2003/12/02 14:44
-	9	(clv same cav) and (pll same error same (rotati\$2 near (speed signal)))	USPAT	2003/12/02 14:48
-	0	(clv same cav) and ((pll near (data read)) same (phase near lock\$3 near error) same ((instantaneous current) near rotati\$2 near speed))	USPAT	2003/12/02 14:53
-	0	(clv same cav) and ((pll near (data read)) same (phase near lock) same ((instantaneous current) near rotati\$2 near speed))	USPAT	2003/12/02 14:53
-	0	(clv same cav) and ((pll near (data read)) same ((instantaneous current) near rotati\$2 near speed near error))	USPAT	2003/12/02 14:54
-	0	(clv same cav) and ((pll near (data read)) same ((sav\$3 register\$3 stor\$3) near rotati\$2 near speed near error))	USPAT	2003/12/02 14:55
-	0	((pll near (data read)) same ((sav\$3 register\$3 stor\$3) near rotati\$2 near speed near error))	USPAT	2003/12/02 14:55
-	1	((maintain\$3 keep\$3) near rotati\$2 near speed near error)	USPAT	2003/12/02 14:56
-	356	((until error condition) near phase near lock)	USPAT	2003/12/02 14:57
-	1	((until error condition) near phase near lock) same ((rotati\$2 near speed) rpm)	USPAT	2003/12/02 14:59
-	14	((until error condition) near phase near lock) same (speed rpm)	USPAT	2003/12/02 14:59
-	2	(369/\$7 360/\$7).ccls. and ((until error condition) near phase near lock) same (speed rpm)	USPAT	2003/12/02 15:00
-	0	369/\$7.ccls. and ((until error condition) near phase near lock) same (speed rpm)	USPAT	2003/12/02 15:00
-	76	369/47.38-47.48.ccls. and ((frequency near (generator detect\$3)) ((rotati\$3 motion) near (sens\$3 detect\$3))) and pll	USPAT	2003/12/02 15:04
-	1123	data near frequency near signal	USPAT	2003/12/02 15:04
-	45	369/\$7.ccls. and (data near frequency near signal)	USPAT	2003/12/02 15:05
-	12	369/\$7.ccls. and (data near frequency near signal) and pll	USPAT	2003/12/02 15:30

-	20	369/\$7.ccls. and (unreadable near (disc disk))	USPAT	2003/12/02 15:31
-	1586	369/\$7.ccls. and (rotation near speed)	USPAT	2003/12/02 15:32
-	15	369/\$7.ccls. and ((rotation near speed) same ((unreadable defect error) near (disc disk)))	USPAT	2003/12/02 15:46
-	1	369/\$7.ccls. and ((rotation near speed) same ((unreadable defect error) near (disc disk))) and ((instantaneous current instant present) near speed)	USPAT	2003/12/02 16:39
-	40	369/\$7.ccls. and ((spindle (dis\$1 near motor)) near error) and ((speed error) near control)	USPAT	2003/12/02 16:41
-	36	369/\$7.ccls. and ((spindle (dis\$1 near motor)) near error) and ((speed error) near control) and (pll (data near frequency))	USPAT	2003/12/02 16:47
-	4	369/\$7.ccls. and ((spindle (dis\$1 near motor)) near error) and ((speed near control) same error) and (pll (data near frequency))	USPAT	2003/12/02 16:49
-	31	369/47.44.ccls.	USPAT	2003/12/02 16:50
-	1	369/47.44.ccls. and (pll and (data near frequency))	USPAT	2003/12/02 16:50
-	12	369/47.44.ccls. and (pll (data near frequency))	USPAT	2003/12/02 16:53
-	0	369/47.44.ccls. and ((pll (data near frequency)) near (error defect))	USPAT	2003/12/02 16:53
-	22	369/\$7.ccls. and ((pll (data near frequency)) near (error defect))	USPAT	2003/12/02 16:59
-	5	369/\$7.ccls. and ((pll (data near frequency)) near (error defect)) same (spindle rotat\$4)	USPAT	2003/12/02 16:59
-	113	369/47.55.ccls.	USPAT	2003/12/02 17:11
-	0	369/47.55.ccls. and (cal same clv)	USPAT	2003/12/02 17:11